## Remarks

The allowance of claims 6-15 is gratefully acknowledged.

Claims 1 and 3 are rejected under 35 U.S.C. 102(b) as being anticipated by van den Berg et al, U.S. Patent 4,754,635. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over van den Berg et al (4,754,635). The Examiner is respectfully requested to reconsider these rejections for the following reasons.

Claim 1 and its dependent claims 3 and 5 recite a method of two-stage stretch forming of a preheated sheet metal blank. An internally heated preform tool and an internally heated finish form tool are used in the two-stage stretch forming method. The preform surface of the preform tool is maintained at preform temperature. The finish form surface of the finish form tool is maintained at a finish form temperature. And the temperatures are different. Claim 1 requires that the finish form temperature is <u>lower</u> than the preform temperature. Thus, the sheet metal blank is first stretched against a preform surface which is maintained at a forming temperature that is higher than the temperature of the finish form surface. The sheet metal experiences successive stretch forming operations at different temperatures, a first relatively high temperature and then a second lower temperature.

The van den Berg et al patent describes a drape drawing process which, strictly speaking, is not a stretch forming process. And in the van den Berg drape drawing process the sheet 6 is not really stretched successively against two different surfaces. Sheet 6 is first pulled (draped) over draw die 1 and then the periphery of the sheet is further urged against the same draw die 1 surface by ejector 12. But a further difference is that the van den Berg et al patent does not require that a finish form temperature be lower than the preform temperature. In the van den Berg disclosure the tools and sheet are all heated at 200°C.

Thus, the van den Berg et al patent reference does not really disclose a two-stage stretch forming method, and it certainly does not disclose a two-stage stretch forming method in which a preform surface is maintained at preform temperature and a finish form surface is maintained at a finish form temperature that is different (lower) than the preform temperature. Clearly, the van den Berg et al '635 patent does not anticipate the methods recited in claims 1 and 3, and it does not suggest the method recited in claim 5. Accordingly, it is respectfully requested that the rejections of claims 1, 3, and 5 be reconsidered.

Dependent claims 2 and 4 are objected to as being dependent upon rejected base claim 1. It is requested that the objections to claims 2 and 4 be removed because of the allowability of claim 1 as argued above.

Accordingly, it is urged that claims 1-5 be allowed along with claims 6-15 and the case passed to issue.

Respectfully Submitted,

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I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

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